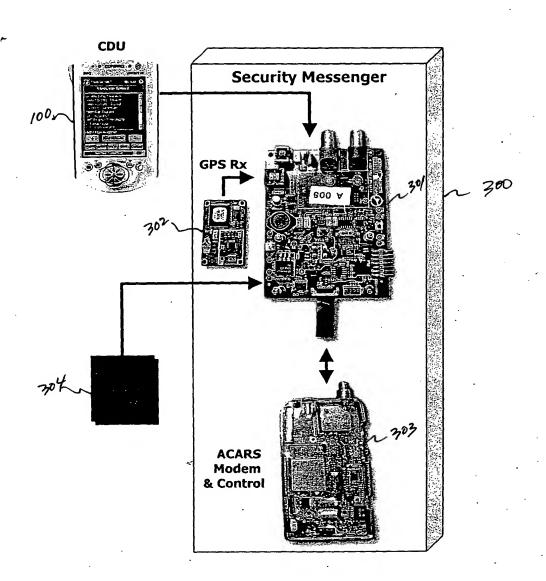


- Near real-time data link communications over existing ACARS network
- Send & receive ACARS messages
- o other FAMs
- o to and from pilot
- o ground

- Wireless communication VoIP
- Voice communication
 o with the pilot
- o other FAMs
- anyone on the ground
- Display streaming video
- Select still frame images to ground
- Interface with onboard peripheral device
- Communicate using cell phone Technology when not airborne
- Voice
- Provides e-mail & SMS data message capability

MG, 2



F16, 3

Voice Network

VHF & GPS Antenna

FIG. 4

Conferencing Live TV Voice E-Mail Www Video Passenger Scheduling
Cabin Inventory
Reservations
Passenger Data Base e-Mail Gate Assignments Aircraft Performance Diagnostics Live Maintenance Electronic Log Book Maintenance Docs FOQA RVSM Data GPS Integrity Content Applications Weight & Balance
Weather Flight Following
Flight Planner
Flight Scheduling
Custom Clearance Operations Voice Weather D-ATIS *TWIP GTWS PDC Cockpit Position Reports ATC Messaging ATIC Voice Flight Following - Panic Emergency MSG Video Ground / Physical Security CVR (Voice Recorder) FDR (Black Box) Security .

F/G. 6